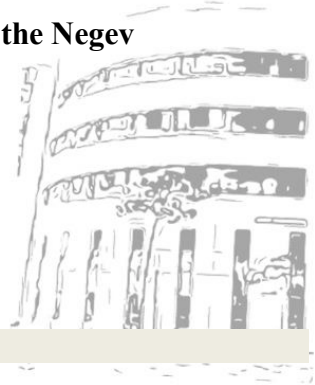


17th PhD Research Seminar Day

Faculty of Health Sciences, Ben-Gurion University of the Negev

Tuesday, 26th June 2018

PROGRAM



8:30 Student registration *Joyce & Irving Goldman Auditorium*

9:00 Opening remarks

Prof. Alon Monsonogo | Vice Dean, Faculty of Health Sciences
Prof. Dudi Bar-Zvi | Dean, Kreitman School of Advanced Graduate Studies
Prof. Eli C Lewis | Organizer

9:30 *Jacob Tal Award* | Hosted by prof. Gopas and Tal family

10:00 Plenary PhD lectures (chair: prof. Ariel Tarasiuk)

Dan Milikovsky | *Mechanism-driven novel electrophysiological biomarkers for brain disorders* (Friedman Lab)
Nofar Torika-Nadiv | *Modulation of brain inflammation by angiotensin-related drugs* (Fleisher-Berkovich Lab)

Ruth and Heinz-Horst Deichmann building

11:00 Parallel sessions | Four PhDs each session (room):

S1 (105), S2 (102), S3 (301), S4 (302), S5 (307), S6 (202)

12:50 Lunch break (Caroline Building Lobby) Student attendance signatures

Joyce & Irving Goldman Auditorium

13:35 Plenary PhD lecture (chair: Dr. Sigal Fleisher-Berkovich)

Omer Basha | *Network biology approaches to decipher molecular pathways in genetic disease* (Yeger-Lotem Lab)

14:00 In memory of Leslie Lobel | Hosted by Dr. Ran Taube

Prof. Amos Katz | Dean, Faculty of Health sciences
Students | Shlomit Fedida-Metula; Ariel Sobarzo, PhD

Guest lecturer: Prof. Jonathan M. Gershoni, Dep. Cell Research and Immunology, TAU

15:00 *Amir Abramovitz Award* | Hosted by prof. Vadim Freifeld and Abramovitz family

15:20 *Biomedicine Awards* | Hosted by Dr. Ran Taube on behalf of prof. Eli Beit-Yanai, Head of Advanced Graduate Student Committee

15:30 *Guest lecturer: Dr. Nir Madjar* | Head of the Program of Educational Counseling, School of Education, BIU

'The Science Behind Thesis-Induced Stress'

16:00 Farewells Student attendance signatures

Parallel Sessions (Deichman building)

	Session 1	Session 2	Session 3	Session 4	Session 5	Session 6
	1 st floor	1 st floor	3 rd floor	3 rd floor	3 rd floor	2 nd floor
	105	102	301	302	307	202
Chair:	<i>Noah Isakov</i>	<i>Itay Rouso</i>	<i>Ronen Schuster</i>	<i>Noam Levaot</i>	<i>Michal Hershfinkel</i>	<i>Ehud Ohana</i>
11:00	3 Boris Baranovski <i>(Lewis Lab)</i>	7 Nir Goldstein <i>(Rudich Lab)</i>	11 Ahmad Nassar <i>(Azab Lab)</i>	15 Yael Eskira <i>(Lobel Lab)</i>	19 Olga Radinsky <i>(Porgador Lab)</i>	23 Kritika Mittal <i>(Monsonogo Lab)</i>
11:25	4 Reut Riff <i>(Douvdevani Lab)</i>	8 Odeya Damri <i>(Agam Lab)</i>	12 Keren Asraf <i>(Fleisher-Berkovich)</i>	16 Sanela Rankovic <i>(Rouso Lab)</i>	20 Michal Wasserman <i>(Priel Lab)</i>	24 Udi Vazana <i>(Friedman Lab)</i>
Break						
Chair:	<i>Amos Douvdevani</i>	<i>Hava Golan</i>	<i>Moshe Elkabets</i>	<i>Roi Gazit</i>	<i>Tal Pecht</i>	<i>Esti Yeager-Lotem</i>
12:00	5 Maram Arafat <i>(Parvari Lab)</i>	9 Maayan Vatarescu <i>(Rudich Lab)</i>	13 Amitha Muraleedharan <i>(Livne and Monsonogo Labs)</i>	17 Mohammad Assadi <i>(Segev and Tarasiuk Labs)</i>	21 Pandya Pinakin <i>(Isakov Lab)</i>	25 Dor Danan <i>(Cohen Lab)</i>
12:25	6 Kiran Kundu <i>(Porgador Lab)</i>	10 Michal zaiden <i>(David Lab)</i>	14 Sapir Bechor-Hadadi <i>(Rudich Lab)</i>	18 Moran Fairstein-Zur <i>(Dahan Lab)</i>	22 Nikhil Anto Ponnor <i>(Isakov Lab)</i>	26 Amitai Zuckerman <i>(Cohen Lab)</i>

Department of Clinical Biochemistry & Pharmacology
The Shruga Segal Department of Immunology & Microbiology
Department of Physiology & Cell Biology

ABSTRACTS BY NUMBER

- 1 **Dan Milikovsky** | Mechanism-driven novel electrophysiological biomarkers for brain disorders
- 2 **Nofar Torika-Nadiv** | Modulation of brain inflammation by angiotensin related drugs
- 3 **Boris Baranovski** | Human α 1-antitrypsin modulates repopulating T cells in a xenotransplantation model
- 4 **Reut Riff** | Immune paralysis is associated with adenosine A1 receptor dysfunction
- 5 **Maram Arafat** | Mutation in TDRD9 causes non-obstructive azoospermia in infertile men
- 6 **Kiran Kundu** | Modulation of NKp44-PCNA Immune Checkpoint Using a Novel Monoclonal Antibody Against Membrane-Associated PCNA
- 7 **Nir Goldstein** | The adipose tissue in obesity: a story on autophagy, cytokine and inflammation
- 8 **Odeya Damri** | Inter-Relationship between Consequences of Brain Mitochondrial Dysfunction and Agents that Promote Mitochondrial Respiration
- 9 **Maayan Vatarescu** | Rapid liver miRNAs changes may mediate improved glucose and lipid metabolism early after dietary reversal of obesity
- 10 **Michal Zaiden** | CD44-targeted polymer-Paclitaxel conjugates to control the spread and growth of metastatic tumors
- 11 **Ahmad Nassar** | The Role of Inflammation in the Pathophysiology and Treatment of Mood Disorders
- 12 **Keren Asraf** | Regulation of brain inflammation by neuropeptides: in vivo and in vitro models
- 13 **Amitha Muraleedharan** | Astrocytes in Alzheimer's Disease: Role of Protein Kinase C
- 14 **Sapir Hadadi-Bechor** | Regulation of macrophage lipid handling by autophagy is lipid-substrate and polarization-state-dependent
- 15 **Yael Eskira** | Analysis of immune responses to filovirus infections
- 16 **Sanela Rankovic** | HIV-1 capsid uncoating: A structural and mechanical analysis using atomic force microscopy
- 17 **Mohammad Assadi** | Upper Airway Obstruction is Associated with Abnormal Energy Metabolism and Changes in GH Axis
- 18 **Moran Fairstein-Zur** | Regional-dependent intestinal absorption after oral administration and its impact on regulatory approval of generic drug products
- 19 **Olga Radinsky** | Functional recognition mediated by chimeric receptors: implications for diagnostics and therapy – focus on Sudan ebolavirus and Marburgvirus long recovered survivors
- 20 **Michal Wasserman** | The involvement of Telomerase and Topoisomerase I in woman fertility
- 21 **Pandya Pinakin R** | Biological role of PICOT in cell growth regulation
- 22 **Nikhil Anto Ponnor** | Regulation of PKC θ and PKC θ -directed signalling events in T cells by Pin1
- 23 **Kritika Mittal** | Innate-adaptive immune crosstalk modulates amyloid neurotoxicity in mouse models of Alzheimer's disease
- 24 **Udi Vazana** | Seizure-induced blood-brain barrier dysfunction: phenomena, underlying mechanism and therapeutic potential
- 25 **Dor Danan** | Looking into the pulsatile nature of endogenous cortisol secretion, the factors governing that pulsatility and their effect on Post-Traumatic Stress Disorder (PTSD) risk, using a rat model
- 26 **Amitai Zuckerman** | A translational study of low-pressure blast wave-induced mild traumatic brain injury (mTBI) and post-traumatic stress disorder (PTSD): Neurobiological mechanisms and potential treatments
- 27 **Omer Basha** | Network biology approaches to decipher molecular pathways in genetic disease

Keywords

Molecules

Adenosine 4
Angiotensin 2, 12, 24
Biomarkers 1
Bradykinin 12
Captopril 12
Cortisol 25
CTLA4-B7 6
Dexamethasone 11
Glutamate 24
IFN γ 6
IL-1 15
IL-10 15
IL-13 7
IL-15 4
IL-2 15
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iNOS 12
Insulin 8
Leptin 7
LPS 2, 12
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Nitric oxide 2, 12, 24
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Rotenone 8
Telomerase 20
TNF α 2, 12, 15

Cells and organelles

Adipocytes 7, 9, 14
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Mast cells 7
Mitochondria 8
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Inflammation 2, 7, 9, 12, 23
Migration 3, 23

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Xenotransplantation 3

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Epilepsy 1
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IBD 18
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Leukopenia 4
Mutations 5
Obesity 7, 9
Overweight 9
Psychiatric disorders 8
PTSD 25, 26
Seizure 1, 24
Sepsis 4
Traumatic brain injury (TBI) 26
Tumors 6, 10

Collaborations

Canada 1, 24
Germany 1
Israel 1, 24
Soroka 5, 17, 20
Uganda 15
USA 1, 5, 15, 19

Our Faculty

Departments:

Clinical Biochemistry &

Pharmacology

2, 3, 4, 7, 8, 9, 10, 11, 12, 14, 18, 25, 26, 27

Department of

Physiology and Cell

Biology

16, 24

The Shraga Segal

Department of

Immunology and

Microbiology

13, 15, 17, 19, 20, 21, 22, 23